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S/133/60/000/012/004/015
A054/A027

Influence of Alloying Elements on the Behavior of Oxygen and Nitrogen in Melting Alloys in Vacuum

the adverse effect of these alloying elements - if their content does not exceed 5-6% - on the gas removal can, therefore, be offset by increasing the holding time in vacuum. The problem of gas-separation from the liquid metal was also examined during vacuum melting of nickel-base steel, alloyed with titanium, aluminum, chrome, tungsten, molybdenum and cobalt (5-10% of each element) and containing 0.15-0.20% carbon. It was found that in the presence of the above mentioned amounts of C, the chemical affinity of the alloying elements to the gases did not assert itself and the gas-removal was not hampered. Vacuum melting also raised the fatigue limit of the steel (at a vacuum of 10^{-4} mm mercury column, 975°C and a load of 20 kg/sq mm, up to 25-50 hours). There are 2 figures and 5 tables.
ASSOCIATION: Leningradskiy politekhnicheskiy institut (The Leningrad Polytechnical Institute).

Card 4/7

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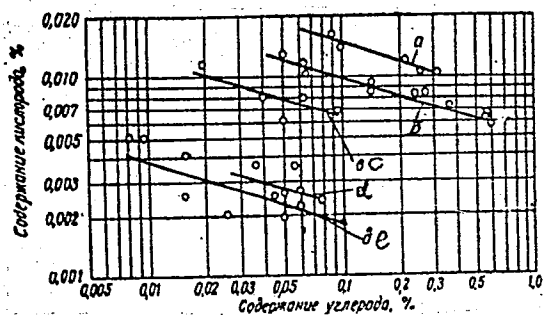
A054/A027

Influence of Alloying Elements on the Behavior of Oxygen and Nitrogen in Melting Alloys in Vacuum

Legend to Fig. 1
Relationship between C and O-content of the metal melted under various pressures (to obtain a pressure in the furnace above 1 mm mercury column, an inert gas was applied). Vertical, left: oxygen-content, %, horizontal: carbon content, %: a- 760 mm mercury column; b- 50 mm mercury column; c- 10 mm mercury column; d- 10^{-2} mm mercury column; e- 10^{-4} mm mercury column.



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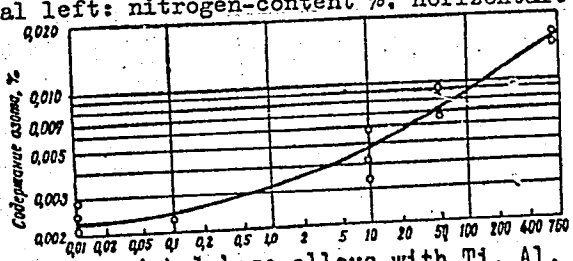
Influence of Alloying Elements on the Behavior of Oxygen and Nitrogen in Melting Alloys in Vacuum

Legend to Fig. 2
Influence of pressure during melting on the nitrogen content of the metal (to obtain a pressure in the furnace above 1 mm mercury column, an inert gas was employed). Vertical left: nitrogen-content %, horizontal: pressure, in mm mercury column



Legend to Table 3:
The influence of alloying on nickel-base alloys with Ti, Al, Cr, W, Mo and Co (5-10% each) on the oxygen and the nitrogen content and on the fatigue limit of the metal.

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A054/A027

Influence of Alloying Elements on the Behavior of Oxygen and Nitrogen in Melting Alloys in Vacuum

No. of melting	Vacuum, mm mercury column	Content of the melt, %			Fatigue limit at 975°C and a load of 20 kg/sq mm, hours
		C	O_2	N_2	
304	10^{-1}	0,14	0,0015	0,0035	20
315	10^{-1}	0,14	0,0020	0,0030	
302	10^{-2}	0,12	0,0008	0,0031	20-35
314	10^{-2}	0,14	0,0010	0,0028	
310	10^{-3}	0,14	0,0012	0,0022	25-40
313	10^{-3}	0,14	0,0007	0,0025	
311	10^{-4}	0,13	0,0010	0,0022	25-50
312	10^{-4}	0,15	0,0009	0,0028	

Table 3

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CHERNOV, B. G.

115

PHASE I BOOK EXPLOITATION SOV/5411

Konferentsiya po fiziko-khimicheskim osnovam proizvodstva stali. 5th, Moscow, 1959.

Fiziko-khimicheskiye osnovy proizvodstva stali; trudy konferentsii (Physicochemical Bases of Steel Making; Transactions of the Fifth Conference on the Physicochemical Bases of Steelmaking) Moscow, Metallurgizdat, 1961. 512 p. Errata slip inserted. 3,700 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut metallurgii imeni A. A. Baykova.

Responsible Ed.: A. M. Samarin, Corresponding Member, Academy of Sciences USSR; Ed. of Publishing House: Ya. D. Rozentsveyg. Tech. Ed.: V. V. Mikhaylova.

Card 1/16

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115

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Physicochemical Bases of (Cont.)

PURPOSE: This collection of articles is intended for engineers and technicians of metallurgical and machine-building plants, senior students of schools of higher education, staff members of design bureaus and planning institutes, and scientific research workers.

COVERAGE: The collection contains reports presented at the fifth annual convention devoted to the review of the physicochemical bases of the steelmaking process. These reports deal with problems of the mechanism and kinetics of reactions taking place in the molten metal in steelmaking furnaces. The following are also discussed: problems involved in the production of alloyed steel, the structure of the ingot, the mechanism of solidification, and the converter steelmaking process. The articles contain conclusions drawn from the results of experimental studies, and are accompanied by references of which most are Soviet.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

B. Z. Kononov. New Techniques in Making Ball-Bearing Steel With the Use of Vacuum 466

Ageyev, P. Ya., and B. G. Chernov. The Effect of Alloying Elements on Oxygen and Nitrogen Behavior During Melting in Vacuum 474

Polin, I. V., and E. I. Serebriyskiy. Content of Gases and Nonmetallic Inclusions in Stainless Steel Remelted in a Vacuum Electric Furnace 483

Vorob'yeva, T. M., I. P. Zabaluyev, Ye. S. Kalinnikov, and A. F. Tregubenko. Effect of Ladle-to-Ladle Vacuum Pouring on the Quality of 30 KhGSNA Steel 495
[The following persons participated in the research: T. M. Bobkov, Yu. P. Shamil', G. P. Parkhomenko, N. M. Shabli, and A. N. Men'.]

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

S/137/62/000/002/007/14
A006/A101

AUTHORS: Ageyev, P. Ya., Chernov, B. G.

TITLE: Behavior of composite-alloyed alloy components during melting in vacuum induction furnaces

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1962, 17-18, abstract 2A84 ("Nauchno-tekhn. inform. byul. Leningr. politekhn. in-t", 1960, no. 11, 7-16)

TEXT: The authors investigated the behavior of components on Ni-base alloys with up to 10% Cr content. It was established that after melting of the heat at a pressure as high as 10^{-3} mm Hg the Cr content decreased by 1.96%; this is in a satisfactory agreement with the given calculations. Losses of components in alloys, alloyed with Cr, Al, Ti, Co, W and Mo, were determined in a OKB-497 (OKB-497) induction vacuum furnace at 1; 5.10^{-2}; 1.10^{-3} mm Hg rarefaction degrees. The liquid metal temperature was measured with an immersion thermocouple and was 1,600°C for the majority of heats. The use of inert gas during melting of the heat reduces losses of alloying elements to minimum values. Cr content is subjected to maximum changes during the holding of the melt under

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a vacuum, Ti and Al change less. When rarefaction varies from 1 to 1.10^{-3} mm Hg, losses of the alloy components are approximately equal. This is explained by the fact that with a greater rarefaction in the furnace, losses increase due to evaporation, but decrease on the other hand on account of oxidation. The presence of Co in the alloy has no effect on changes in Cr loss. The addition of 6% Al to the heat reduces Cr loss, probably on account of the formation of a protective film on the metal surface. In melts with Ti, Mo and W, the effect of Al is less marked as compared to melts where these elements are absent.

V. Sheremt'yev

[Abstracter's note: Complete translation]

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

KAZAKOV, Viktor Ivanovich; CHERNOV, B., red.

[Differential diagnosis and the principles of treatment in the practice of the dermatovenereologist] Differentsial'naia diagnostika i printsipy terapii v praktike dermatovenerologa. Stavropol', Stavropol'skoe knizhnoe izd-vo, 1965. 228 p. (MIRA 18:10)

1. Zaveduyushchiy kafedroy kozhnykh i venericheskikh bolezney Stavropol'skogo Gosudarstvennogo meditsinskogo instituta (for Kazakov).

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CHERNOV, B.S.

ZHUKOV, A.I.; [redacted] BAZLOV, M.N.; ZHUKOVA, M.A.; SAVINA, Z.A., redaktor; POLOSINA, A.S., tekhnicheskiy redaktor.

[Exploitation of oil fields] Ekspluatatsiia neftianykh mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1954. 603 p. (MIRA 8:4)
(Petroleum engineering)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, B. S.

CHERNOV, B. S. -- "Investigation of Oil Wells with Unstabilized Systems of Operation and Methods of Working Them in Order to obtain the Parameters of the Stratum for Working Petroleum Deposits." Min Higher Education USSR. Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin. Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya Letopis', No 9, 1956

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CHERNOV, B.S.; KAUFMAN, L.L.

Evaluation of the effectiveness of hydraulic fracturing of strata based on continuously operating well data. Neft.khoz. 36 no.2:26-34 F '58. (MIRA 12:4)
(Oil wells--Hydraulic fracturing)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, B.S.

Testing a flowing or an injection well during exploitation and obtaining pressure restoration graphs for determining layer parameters. Trudy VNII no.17:162-183 '58. (MIRA 12:1)
(Krasnodar Territory--Petroleum engineering)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, Bronislav Semenovich; BAZLOV, Mikhail Nikolayevich; ZHUKOV, Anatoliy Ivanovich; SAVINA, Z.A., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Hydrodynamic methods for studying wells and layers] Gidrodinamicheskie metody issledovaniia skvazhin i plastov. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 318 p. (MIRA 13:10)

(Oil reservoir engineering)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, B.S.

Simultaneous investigation of a group of injection wells without interrupting their operation. Trudy VNII no.29:289-296 '60. (MIRA 13:10)

1. Krasnodarskiy filial Vsesoyuznogo neftegazovogo nauchno-issledovatel'skogo instituta.
(Oil field flooding)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

ZHUKOV, Anatoliy Ivanovich; CHERNOV, Bronislav Semenovich; BAZLOV, Mikhail Nikolayevich; MURAV'YEV, V.M., red.; DUBROVINA, N.D., ved. red.; BASHMAKOV, G.M., tekhn. red.

[Exploitation of oil fields] Ekspluatatsiia neftianykh mestorozhdenii. Izd.3. Moskva, Gostoptekhizdat, 1961. 493 p. (MIRA 15:3)

(Oil fields—Production methods)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

MURAV'YEV, I.M.; YEVDOKIMOV, S.Ye.; TSYBUL'SKIY, G.P.;
CHERNOV, B.S.

Analysis of methods of processing pressure change curves in oil wells. Neft. khoz. 39 no.3:35-40 Mr '61. (MIRA 16:7)

(Oil reservoir engineering)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

POKALOV, V.T.; CHERNOV, B.S.

Formation, distribution, and types of molybdenum deposits in Khakassia. Min.syr'e no.4:36-50 '62. (MIRA 16:4)
(Khakass Autonomous Province--Molybdenum ores)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

YEVDOKIMOV, S.Ye.; TSYBUL'SKIY, G.P.; CHERNOV, B.S.

Hydrodynamic investigations of a group of injection wells. Trudy KF VNII no.11:121-146 '63. (MIRA 17:3)

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KRUGLOVA, V.G.; CHERNOV, B.S.; YEVDOKHIN, A.G.; PASTUKHOVA, Ye.S.

Characteristics of the molybdenum stockwork deposit in eastern Transbaikalia. Sov. geol. 8 no.3:118-124 '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

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~~Vasil'yevich Boris~~ CHERNOV, B.V. PHASE I BOOK EXPLOITATION 449

Turetskiy, Iosif Yudelevich; Lyubimkov, Leonid Nikolayevich; Chernov, Boris Vasil'yevich

Vosstanovleniye tekhnologicheskoy tochnosti zubofrezernykh stankov (Restoring the Precision of Gear-cutting Machinery) Moscow, Mashgiz, 1957. 115 p. (Bibliotechka zuboreza-novatora, vyp. 7) 10,000 copies printed.

Ed. (title page): Kolchin, N.I., Doctor of Technical Sciences, Professor; Reviewer: Printsental', S.G., Engineer; Ed. (inside book): Shavlyuga, N.I. Docent, Candidate of Technical Sciences; Ed. of Publishing House: Vasil'yeva, V.P.; Tech. Ed.: Pol'skaya, R.; Editorial Board of Series: Kolchin, N.I., Professor, (Chairman); Turetskiy, I. Yu., Candidate of Technical Sciences, and Shavlyuga, N.I., Docent, Candidate of Technical Sciences; Chief Ed. of the Leningrad Branch of Mashgiz: Bol'shakov, S.A., Engineer.

PURPOSE: This pamphlet is one of a series on gear cutting and is intended for skilled machine operators, foremen, and technicians in gear cutting plants.

Card 1/6

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COVERAGE: This pamphlet, the 7th of a series, is issued by the Library for the Gear-cutter Innovator, and is a continuation of issue No. 6 Izgotovleniye osobo tochnych peredach (Manufacture of High-precision Gear Drives). It contains a description of the methods and techniques for restoring and increasing accuracy in gear-cutting machines employed by a leading turbine reduction gear plant. In order to make this known-how readily available to other plants engaged in high-precision gear manufacture, this pamphlet presents in a concise manner the sequence of operations in checking the kinematic accuracy of machine tools and methods for correcting copying devices. There are detailed instructions on how to cut new precision indexing gear pairs which are indispensable for the improvement of accuracy in gear-cutting machines. It also explains to replace old indexing fixtures with new worm gear pairs with a higher number of teeth in order to reduce or to eliminate entirely cyclic errors in cutting very-high precision gears. No personalities are mentioned. There are 17 Soviet references.

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25. Tolerances for manufacturing and assembling indexing worm-gear pairs 98
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Ch. VIII. Manufacture of Indexing Worm-gear 107
29. Standard manufacturing process for indexing worm wheels 112
30. Cutting indexing wheels on inaccurate machines 114

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TURETSKIY, I.Yu.; LYUBIMKOV, L.N.; CHERNOV, B.V.; KOLCHIN, N.I., zasl. deyatel' nauki i tekhniki RSFSR, doktor tekhn. nauk, prof., red.; MAYDEL'MAN, E.D., inzh., retsenzent; VEYTS, V.L., kand. tekhn. nauk, red.; ONISHCHENKO, R.N., red.izd-va; BARDINA, A.A., tekhn. red.

[Recovering the machining precision of gear-cutting machines] Vosstanovlenie tekhnologicheskoi tochnosti zuboreznykh stankov. Pod obshchei red. N.I.Kolchina. 2. perer. izd. Moskva, Mashgiz, 1962. 91 p. (Bibliotechka zuboreza, no.10) (MIRA 16:3)
(Gear-cutting machines--Maintenance and repair)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, BORIS VASIL'YEVICH

TURETSKIY, Iosif Yudelevich; kandidat tekhnicheskikh nauk; LYUBIMKOV, Leonid Nikolayevich; CHERNOV, Boris Vasil'yevich; KOLCHIN, N.I., professor, doktor tekhnicheskikh nauk, redaktor; SHAVLYUGA, N.I., dotsent, kandidat tekhnicheskikh nauk, redaktor vypuska; GOFMAN, Ye.K., redaktor izdatel'stva; ANDOZHSKIY, V.D., kandidat tekhnicheskikh nauk, dotsent, retsenzent; POL'SKAYA, R.G., tekhnicheskiy redaktor.

[Making of very precise gearing] Izgotovlenie osobo tochnykh zubchatykh peredach. Pod obshchei red.N.I.Kolchina. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1957. 179 p. (Bibliotechka zuboreza-novatora, no.6) (MLRA 10:5)

(Gearing)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

Chernov, B.V.

AUTHOR: Chernov, B.V., Engineer 117-2-25/29

TITLE: Propaganda of Scientific-Technical Knowledge (O propagande nauchno-technicheskikh znaniy)

PERIODICAL: Mashinostroitel', 1958, # 2, p 42-44 (USSR)

ABSTRACT: The article gives general information on 80 odd technical propaganda conferences which were organized during 1957 in the Moscow industrial area, in 38 towns and rayons. The information includes the discussed problems and the names of engineers and outstanding skilled workers (machine tool operators, welders, etc.). Several examples of practical use of suggestions made by such conferences are cited. The exhibitions organized for the conferences have largely contributed to the success.

On the other side, disappointment was voiced by I.P. Anisimov of the Central Repair Plant "Mosenergo" whose inventions and suggestions brought for the plant over 2 million roubles economy in 1956. The suggestions are very slowly introduced. The entire work on the introduction of every suggestion is performed by the tool shpp alone.

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TURETSKIY, I.Yu.; LYUBIMKOV, L.N.; ~~CHERNOV, B.V.~~; YELESINA, O.G., inzh., retsenzent; KOLCHINA, N.I., zasl. deyatel' nauki i tekhniki RSFSR, doktor tekhn. nauk, prof., red.; MAYDEL'MAN, E.D., inzh., red.; ONISHCHENKO, R.N., red. izd-va; BARDINA, A.A., tekhn. red.

[Manufacture of heavily-loaded high-speed gears]Izgotovlenie tiazhelonagruzhennykh skorostnykh zubchatykh peredach. 2., perer. izd. Pod obshchei red. N.I.Kolchina. Moskva, Mashgiz, 1962. 134 p. (Bibliotechka zuboreza, no.9) (MIRA 15:11)
(Gear cutting)

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CHERNOV D.A.

BEREZKIN, P.N., inzh.; BONDIN, Ye.A., inzh.; GRIGOROV, G.Ya., inzh.; DURNOVSKIY, V.I., inzh.; KOZHEUROV, P.I., inzh.; NARTOV, Ya.G., inzh.; RAZSHIGAYEV, A.F., inzh.; RAYEVSKIY, S.A., inzh.; SAPOZHNIKOV, N.S., inzh.; TELIPAN, M.G., inzh.; CHEREMOVSKIY, Yu.I., inzh.; CHERNOV, D.A., inzh.; DUGINA, N.A., tekhn.red.

[ChTZ tractors] Traktory ChTZ. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 101 p. (MIRA 11:5)
(Tractors)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

ALEKSEYEV, Ye.K., inzh.; IZGUR, R.M., inzh.; LYUKE, Ye.P., inzh.; NIKOLAYEVSKIY, Ye.Ya., inzh.; PIROGOV, A.N., inzh.; RODIONOVA, R.G., inzh.; TOYBIN, V.A., inzh.; FREYDLIN, G.M., inzh.; KHLYUPINA, A.K., inzh.; CHERNOV, D.L., inzh.; EYDEL'NANT, L.B., inzh.; ZHMUR, N.S., inzh., retsenzent; MOLYUKOV, G.A., inzh., red.; TIKHANOV, A.Ya., tekhn.red.

[Production and installation of pipe systems; reference manual] Izgotovlenie i montazh tekhnologicheskikh truboprovodov; spravochnoe posobie. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 574 p. (MIRA 13:7)
(Pipe fitting)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, D.L.

Hydraulic calculation of annular gas networks on a d.c.electric model. Gaz. prom. 7 no.4:30-34'62 (MIRA 17:7)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

SMIRNOV, Aleksandr Sergeyevich, doktor tekhn. nauk, prof.; GENKINA, Liya Aleksandrovna, inzh.; KHUSHPULYAN, Mikhail Menzikovich, inzh.; CHERNOV, Dmitriy L'vovich, inzh.; KHODANOVICH, I.Ye., kand. tekhn. nauk; STOTSKIY, L.R., red.; VRONSKIY, L.N., ved. red.; VORONOVA, V.V., tekhn. red.

[Transportation and storage of gas] Transport i khranenie gaza. [By] A.S.Smirnov i dr. Moskva, Gostoptekhizdat, 1962. 421 p. (MIRA 15:6)

(Gas, Natural--Storage)
(Gas, Natural--Transportation)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

LETNIK, S.F.,professor; RODIN, V.I.,assistent; CHERNOV, D.Ye. kandidat med. nauk.

Dispensary services in the prevention of diseases of the upper respiratory tract in miners of the Donvets Basin. Vest. oto-rin. 17 no.6:30-33 N-D '55. (MLRA 9:2)

1. Iz kafedry bolezney ukha, gorla, i nosa (zav. prof. S.F. Letnik) Meditsinskogo instituta (Stalino)
(RESPIRATORY TRACT, diseases,
prev. & control in miners)
(MINING,
upper resp. tract dis. in miners, prev. & control)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, D.Ye., kandidat meditsinskikh nauk

Cerebral abscess caused by the prolonged presence of bullet in the cranial cavity. Vest.otorin. 18 no.2:75-77 Mr-Ap '56. (MLRA 9:7)

1. Iz kliniki bolezney ukha, gorla i nosa (zav.- prof. S.F.Letnik) Meditsinskogo instituta, Stalino, Donbass.

(BRAIN, abscess
caused by bullet)
(ABSCESS
brain, caused by prolonged stay of bullet)
(WOUNDS AND INJURIES
gunshot wds. with prolonged stay of bullet, causing brain abscess)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, D.Ye., kandidat meditsinskikh nauk

Clinical data and bacteriological variations in the blood, pus and cerebrospinal fluid under the effect of antibiotics in otogenous intracranial complications. Vest. oto-rin. 19 no.1:110 Ja-F '57 (MLRA 10:4)

1. Iz kafedry bolezney ukha, gorla i nosa (zav.-prof. S.F. Letnik) Stalinskogo meditsinskogo instituta.
(ANTIBIOTICS) (EAR--DISEASES) (BRAIN--DISEASES)
(BODY FLUIDS)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

Chernov, D.Ye.

CHERNOV, D.Ye., kand.med.nauk

Benign tumors of the larynx according to the clinical materials from the Stalin Medical Institute for a period of ten years; 1945-1954 [with summary in English]. Vest.oto-rin. 19 no.4:17-21 Jl-Ag '57. (MIRA 10:11)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. - prof. S.F.Letnik) Stalinskogo meditsinskogo instituta.
(LARYNX, neoplasms
benign tumors surg., follow-up)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, D.Ye., kand.med.nauk; IVANOVA, Ye.N., kand.med.nauk; SOROKA, V.R., kand.med.nauk

Content of some trace elements in the tissue of the palatine tonsils in various clinical forms of chronic tonsillitis. Zhur. ush., nos.i gorl.bol. 22 no.2:54-58 Mr-Ap '62. (MIRA 15:11)

1. Iz kafedry otolaringologii (zav. - prof.S.F.Letnik) i kafedryy biokhimii (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent V.N.Okunev) Donetskogo meditsinskogo instituta.

(TRACE ELEMENTS IN THE BODY)
(TONSILS--DISEASES)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, DMITRII KONSTANTINOVICH.

D. K. Chernov i nauka o metallakh. Pod. red. N. T. Gudtsova. Leningrad, Metallurgizdat, 1950. 563, (1) p. illus., ports. (Vydaiushchiesia uchenye nachei rodiny)

"V knigu vkliucheny naibolee vazhnye po svoemy znacheniu trudy D. K. Chernova."

"Pechatnye trudy D. K. Chernova, ne poneshchennye v nastoiashchem izdanii": p. (564)

(D. K. Chernov and metallography.)

DLC: TN690.C516

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, E.; BERZENOV, A.

Best wishes for the improvement of the work of the fleet. Mor. flot 25 no.10:12-13 O '65. (MIRA 18:11)

1. Predsedatel' gruppy ekonomicheskogo analiza parokhoda "Dzhurma" (for Chernov). 2. Starshiy mekhanik i chlen gruppy ekonomicheskogo analiza parokhoda "Dzhurma" (for Berzenov).

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

Chernov, E.A.

URIN, E.B.; DRANITSKIY, L.V.; CHERNOV, E.A.

A simple electric drive with a booster generator. Stan. i instr. 26 no.11:33-34 N '55. (MLRA 9:2)
(Machine tools--Electric driving)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

Chernov, F. G.

CHERNOV, F.G.; PENZIMONZH, I.I.

[redacted]

Heating reverberatory furnaces with the aid of muffle precombustion chambers at the Balkhash Copper-Smelting Mill. TSvet.met. 28 no.4:73 Jl-Ag '55. (MIRA 10:11)

1. Balkhashskiy medeplavil'nyy zavod.
(Smelting furnaces)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.

"They are always in formation" by G.Nikitin, A.Grekov. Reviewed by G.Chernov. Voen.znan. 38 no.5:39 My '62. (MIRA 15:5)
(Retired military personnel—Employment) (Nikitin, G.)
(Grekov, A.)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, Georgiy Aleksandrovich; VARSANOV'YEVA, V.A., doktor geologo-mineralogicheskikh nauk, otv. ed.; DOLMATOV, P.S., red. izd-va; KONDRAT'YEVA, M.N., tekhn. red.

[Devonian sediments in the eastern part of the Bol'shezemel'-skaya tundra]Devonskie otlozheniia vostochnoi chasti Bol'she-zemel'skoi tundry. Moskva, Izd-vo Akad. nauk SSSR, 1962. 116 p. (MIRA 16:1)

(Bol'shezemel'skaya tundra--Geology)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.

Silurian sediments of the Chernov upheaval (Bol'shezemel'skaya Tundra). Dokl. AN SSSR 156 no. 4:843-846 Je '64. (MIRA 17:6)

1. Predstavleno akademikom D.V.Nalivkinym.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

1. CHERNOV, G. A.

2. USSR (600)

4. Cattle Breeds

7. Conference on Ala Tau cattle breeding. Dost. sel'khoz. no. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

USSR/Farm Animals. General Problems Q-1

Abs Jour : Ref Zhur - Biol., No 19, 1958, No 88004

Author : Chernov G.
Inst : -
Title : I.P. Pavlov's Teachings in Animal Husbandry Practice

Orig Pub : S. kh. Kazakhstana, 1957, No 4, 37-39

Abstract : No abstract

Card : 1/1

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G. zootekhnik

The calfherd Vera and the three giants. IUn.nat. no.12:7-8 D'58. (MIRA 11:12)

(Dzungarian Ala-Tau--Calves)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.

Conditioned reflexes in the stockbreeding practice. Zhivotnovodstvo 20 no.6:68-70 Je '58. (MIRA 11:6)

1. Glavnyy zootekhnik plemkhoza imeni Lenina.
(Conditioned response)
(Kazakhstan--Cattle)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

BAGDASAROV, A.A.; RAUSHENBAKH, M.O.; SUKYASYAN, G.V.; ABDULLAYEV, G.M.; NOVIKOVA, M.N.; LAGUTINA, N.Ya.; SAMOYLINA, N.L.; CHERNOV, G.A.

Some aspects of the clinical course and treatment of acute radiation sickness in monkeys. Med.rad. 4 no.9:17-24 S '59. (MIRA 12:11)

1. Iz TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi Ministerstva zdravookhraneniya SSSR.
(RADIATION INJURY exper)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.

Serotonin content of monkey blood. Biul.eksp.biol.i med. 47 no.8: 59-61 Ag '59. (MIRA 12:11)

1. Iz TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR A.A. Bagdasarov), Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR A.A. Bagdasarovym.
(SEROTONIN blood)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.; SHEREMET, S.I.; LENSKAYA, R.V.

Effect of irradiation on the permeability of blood vessels and on the mucopolysaccharide and serotonin level in the blood. Med. rad. 9 no.2:58-62 D '64. (MIRA 18:12)

1. Radiobiologicheskaya laboratoriya (zav. - prof. M.O. Raushenbakh) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi Ministerstva zdravookhraneniya SSSR, Moskva.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G. A.

Quartenary deposits in the southeastern part of the Bol'shezemelskaia tundra Moskva, Akademiia nauk SSSR, 1939. 36 p. (Akademiia nauk. Severnaia baze. Trudy. vyp. 5.)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G. A.

Formation of terraces along the Pechora basin. Trudy Sev. geol. upr. #14, 1944

So: Trudy Arkticheskogo Nauchno-Issledovatel'skogo Instituta, GUSMP, Council of Ministers, Vol. 201, 1948

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G. A.

Aug 48

USSR/Geology
Tectonics
Stratification

"New Data on the Geology and Tectonics of the Western Slopes of the Polar Urals," G. A. Chernov, 4 pp

"Dok Ak Nauk SSSR" Vol LXI, No 5

Presents graphs and analysis of the Cambrian, Lower Silurian, and Quaternary deposits which make up the geological structure of this area.

[redacted] 24/49T35

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G. A.

PA 51T20

USSR/Geography
Potamology

Jan/Feb 1948

"Method of Mapping River Terraces," G. A. Chernov, 10 pp

"Izv Vsesoyuz Geograf Obsh" Vol LXXX, No 1

Chernov presents method to map river terraces he developed in his geological surveys. Designed for instances where geological surveys must be made and no maps available. Great advantage is that it is relatively simple and rapid, permitting 10-15 km of the river per day to be mapped.

51T20

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.

Geological structure of the southern extreme of the Chernyshev Ridge. (MLRA 9:12)
Trudy VNIGRI no.7:166-200 '56.
(Chernyshev Ridge--Geology, Structural)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.; GRATSIANOVA, R.T.

Lower Devonian fauna and stratigraphy of the Peschanaya Valley in Gornyy Altai. Trudy Gor.-geol.inst.zap.-Sib.fil. AN SSSR no.17:191-200 '56. (MIRA 13:5)
(Peschanaya Valley--Geology, Stratigraphic)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV G. A.

20-4-42/52

AUTHOR: Chernov, G. A.

TITLE: Eolian-Marine Sediments in Lower Paleozoic Deposits of the Central Regions of the Russian Platform (Eolovo-morskiye osadki v nizhnepaleozoyskikh otlozheniyakh tsentral'nykh rayonov Russkoy

PERIODICAL: Doklady AN SSSR, 1957, Vol. 117, Nr 4, pp. 694-696 (USSR)

ABSTRACT: The exact age of sub-paleozoic sediments of the Russian Plateau cannot be determined, because they are represented by mute terrigenous precipitations which only sometimes contain pollen or undefinable carbonized remains of plants. In some bore holes the terrigenous precipitation had a thickness of up to 800 m. Without taking account of the arguments brought forward by individual authors for the one or the other age of the lower mute Valdayskiy complex, the author stresses a fact which has hitherto been overlooked. In fine loam sediments mica plates occur in form of thin intermediate layers. They have nothing in common with a fine-scaled sericite-like mineral occurring in the "blue" Cambrian loam in the neighborhood of Leningrad (Uspenskiy, Ref.7), which is a sort of hydromica. Besides this hydromica, Uspenskiy mentions the occurrence of larger muscovite scales (of up to 0,5 mm) and

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Eolian-Marine Sediments in Lower Paleozoic Deposits of the Central Regions of the Russian Platform 20-4-42/52

distinctly clastic shape in cross section. In both kinds of loam the difference in size between the mica plates (up to 1 mm) and the loamy material becomes apparent. Besides, these thin intermediate layers are irregularly distributed in the rock, so that a core easily breaks apart in the borehole at these places. The author believes that the conditions of the lower paleozoic made the formation of aeolian-marine sediments. According to Sokolov (Ref. 6) there was a continental climate at the beginning of the Cambrian within range of the Ukrainsko-Voronezhskiy and Volgo-Kamskiy plateau. As at that time the continent consisted nearly entirely of crystalline rock and was hardly covered by a layer of plants, the products of decay by weathering could hardly be protected from being blown away by the wind. The occurrence of thin intermediate layers of mica plates as well as the fact that at some places sediments were in fine layers points in the direction of a sedimentation in quiet waters without any trace of currents. A considerable degree of thickness and monotonousness of the finely grained

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

Eolian-Marine Sediments in Lower Paleozoic Deposits of the Central Regions of the Russian Platform 20-4-42/52

sediments without organic remains on large surfaces make it possible to draw the conclusion that they had been deposited in a sufficiently deep sea (not less than 100 m depth), where the motion of the waves did not reach the bottom. Herefrom the author concludes that the aforementioned terrigenous sediments with intermediate layers of mica plates are aelian-marine sediments. They were deposited in an above described sea in which a process of sedimentation of the fine loamy material together with the thin mica plates blown to this region by the wind was possible. Blowing away by the wind occurred periodically, which explains the irregular distribution of the mica. A packet of loam sediments with an intermediate layer of mica probably corresponds to one wind period. There are 1 figure and 9 references, all of which are Slavic.

ASSOCIATION: All-Union Scientific Geological- and Mineral Oil Research Institute (Vsesoyuznyy nauchno-issledovatel'skiy geologo-razvedochnyy neftyanoy institut).

Card 3/4

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

Eolian-Marine Sediments in Lower Paleozoic Deposits of the Central Regions of the Russian Platform 20-4-42/52

PRESENTED: July 10, 1957, by D. V. Nalivkin, Academician

SUBMITTED: May 28, 1957

AVAILABLE: Library of Congress

Card 4/4

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

3(5), 17(4) SOV/20-127-5-48/58

AUTHOR: Chernov, G. A.

TITLE: On the Lower Devonian Mollusk Hercynella on the Western Slope of the Polar Ural

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 5, pp 1106-1109 (USSR)

ABSTRACT: The author investigated in 1958 the deposits at the rivers Ayach-yaga and Lek-Yelets mentioned in the title. The new species Hercynella polaris sp. n. was found in considerable quantities (more than 50 mollusks) at the latter which crosses the southern peak of the Yengane-pe chain. Their size (7 cm) exceeds that of all other Hercynella species hitherto known in publications. Furthermore a Hercynella with both shell hinges was found for the first time. By this also the hitherto unclear systematic position of this genus could be finally clarified among other things. Furthermore a rich fauna of brachiopods, orthoceratides, tabulates, et al. was collected and determined by A. K. Krylova and E. Z. Bul'vanker. 240 m higher in the cross section still greater Hercynella (15 cm) were found with a fauna of the mentioned groups with sea lilies which indicates

Card 1/2

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

SOV/20-127-5-48/58

On the Lower Devonian Mollusk Hercynella on the Western Slope of the Polar Ural

the Koblenz stage of Lower Devonian. The author omits describing all found Hercynella species in the present paper, he describes only the species with the two conserved shell hinges which is, moreover, new (Fig 1 a - v, d). This species shows clearly that the Hercynella is no gastropod, but a pelecypod. Hercynella was found in considerable quantity in Czechoslovakia (Refs 4, 5), as it is known, i.e. in Silurian and Lower Devonian (horizons F_1 and F_2). Considerations on the unclear systematic position of Hercynella (Refs 2, 3, 5, 6) follow. The problem of the natural position of the body of this peculiar mollusk is not yet solved. There are 1 figure and 6 references, 3 of which are Soviet.

ASSOCIATION: Komi filial Akademii nauk SSSR (Komi Branch of the Academy of Sciences, USSR)

PRESENTED: May 5, 1959, by N. M. Strakhov, Academician

SUBMITTED: May 4, 1959

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

BAGDASAROV, A.A., prof.; GUSEYNOV, Ch.S.; CHERNOV, G.A.; BIRYUZOVA, V.I.

Preservation of thrombocytes and their clinical use. Sov. med. 24 no.4:17-24 Ap '60. (MIRA 13:8)

1. Iz TSentral'nogo instituta gematologii i perelivaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Bagdasarov) Ministerstva zdravookhraneniya SSSR.
(BLOOD PLATELETS)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.

Jointings and secretions in basalts of the northern part of the Timan Ridge. Izv. AN SSSR. Ser. geol. 25 no.9:88-102 S '60. (MIRA 13:9)

1. Komi filial AN SSSR, g. Syktyvakar.
(Timan Ridge--Basalt)

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CHERNOV, G.A.

Quaternary sediments and geomorphology of the Pechora Ridge. Biul. Kom. chetv. per. no.25:3-19 '60. (MIRA 14:1)
(Pechora Valley--Geology)

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CHERNOV, G.A.

Recent data on lower and middle Devonian stratigraphy of the Arctic Urals. Dokl. AN SSSR 135 no.6:1484-1487 D '60. (MIRA 13:12)

1. Institut geologii Komi filiala Akademii nauk SSSR. Predstavleno akademikom N.M.Strakhovym.
(Ural Mountain region--Geology, Stratigraphic)

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CHERNOV, G.A.

Tectonic zones in the area of the resort of Belokurikha (associated with the morphology of the Altay scarp). Trudy Inst.geol.i geofiz. Sib.otd.AN SSSR no.4:133-139 '60, (MIRA 15:7)
(Belokurikha region--Geology, Structural)

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CHERNOV, G.A.

Errors in determining relative amounts of minerals in thin sections. Trudy Inst.geol.i geofiz.Sib.otd.AN SSSR no.4:147-169 '60. (MIRA 15:7)

(Mineralogy, Determinative)

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CHERNOV, G.A.

Devonian Hercynella from the Arctic Urals. Paleont. zhur. no.2:20-27 '61. (MIRA 14:6)

1. Institut geologii Komi filiala AN SSSR.
(Lek-Yelets Valley--Mollusks, Fossil)

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CHERNOV, G.A.

Recent data on the stratigraphy of the upper Devonian in the eastern part of the Bol'shezemel'skaya Tundra. Dokl.AN SSSR 136 no.1:183-186 Ja '61. (MIRA 14:5)

1. Institut geologii Komi filiala Akademii nauk SSSR. Predstavleno akademikom D.V.Nalivkinym.
(Bol'shezemel'skaya Tundra--Geology, Stratigraphic)

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CHERNOV, G.A.

Interrelationship of the Ordovician and the Riphean of the Vangyr Valley in the subarctic Ural Mountain region. Trudy Inst.geol.Komi fil. AN SSSR no.3:15-27 '62. (MIRA 16:9)
(Vangyr Valley--Geology, Stratigraphic)

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CHERNOV, G.A.

Tectonics of the Vangyr Valley in the western slope of the subarctic Ural Mountain region. Biul. MOIP. Otd. geol. 39 no.6:30-45 N-D '64. (MIRA 18:3)

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CHERNOV, G.A.

Geology and structure of the Belokurikha Massif in the Altai Territory. Geol. i geofiz. no.8:97-104 '65.

(MIRA 18:9)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

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USSR / Human and Animal Physiology. Nervous System. T-10

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3814

Author : Chernov, G. A.
Inst : Moscow Pharmaceutist's Institute
Title : Effect of Sechenov's Inhibition on the Tonus of the Spinal Vasomotor Centers

Orig Pub : Sb. nauchn. rabot Mosk. farmatsevt. in-t, 1957, 1, 351-358

Abstract : In frogs (R. temporaria), the optic thalami were stimulated by salt crystals for two minutes. Vascular changes in the hind foot were recorded by means of a plethysmograph and microscopically with a micro-ruler. Upon stimulation, the vessels of the skeletal muscles and of the skin became greatly constricted. Washing off of the salt was accompanied by a dilatation of the vessels (return phenomenon). Following section of the

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CHERNOV, G.A., LIPATS, A.A. (Moskva)

Serotonin (5-oxytryptamine); review of the literature. Pat.fiziol. i eksp.terap 2 no.4:57-64 Jl-Ag '58 (MIRA 11:12)
(SEROTONIN,
review (Rus))

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

RAUSHENBAKH, M.O., prof.; CHERNOV, G.A.

Study of the role of serotonin (5-oxytriptamine) in the pathogenesis of acute radiation sickness. Report No.1: Activity of serotonin in the blood of animals in acute radiation sickness. Probl.gemat. i perel.krovi 4 no.3:3-10 Mr '59. (MIRA 12:6)

1. Iz TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof.A.A.Bagdasarov) Ministerstva zdravookhraneniya SSSR.
(ROENTGEN RAYS, inj. eff.
acute radiation sickness, eff. on serotonin activity in blood of animals (Rus))
(SEROTONIN, in blood
activity in acute radiation sickness in animals (Rus))

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

BAGDASAROV, A.A.; GUSEJNOV. C.S.; ČERNOV, G.A.; BIRJUZOVA, V.I.

Preservation of thrombocytes and its clinical application. Cas. lek.cesk. 98 no.49/50:1509-1515 4 D '59.

1. Ustredni ustav hematologie a krevni transfuze, reditel radny clen AMN SSSR prof. A.A. Bagdasarov.
(BLOOD PRESERVATION)
(BLOOD PLATELETS)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.; ORLOVA, L.D.

Serotonin (5-oxytryptamine) content of the blood in various hematological diseases. Probl. gemat. i perel. krovi 5 no.2: 21-28 F '60. (MIRA 14:5)

1. Iz radiobiologicheskoy laboratorii (zav. - prof. M.O.Raushenbakh) i gematologicheskoy kliniki (zav. - prof. M.S.Dul'tsin) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A.Bagdasarov) Ministerstva zdravookhraneniya SSSR.
(INDOLOL) (BLOOD--DISEASES)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.

Serotonin. Med.rad. 5 no.6:75-87 '60. (MIRA 13:12)
(INDOLOL)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.; RAUSHENBAKH, M.O.

Study of the role of serotonin (5-hydroxytryptamine) in the pathogenesis of acute radiation sickness. Report No. 2: Change in the serotonin content of the intestines and brains of guinea pigs and rats in acute radiation sickness. Probl. gemat. i perel. krovi 5 no. 9:3-7 '60. (MIRA 14:1)
(RADIATION SICKNESS) (INDOLOL) (BRAIN) (INTESTINES)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.; MOROZOVSKAYA, L.M.

Mechanism of serotonin metabolism disorders in acute radiation sickness. Med.rad. no.10:59-62 '61. (MIRA 14:10)

1. Iz radiobiologicheskoy laboratorii (zav. - prof. M.O. Raushenbakh) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi i laboratorii sinteza kortizona Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze.
(RADIATION SICKNESS) (SEROTONIN)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

RAUSHENBAKH, M.O.; SUKYASYAN, G.V.; KOZINETS, G.I.; TSESSARSKAYA, T.P.; NOVIKOVA, M.N.; KAZANOVA. L.I.; CHERNOV, G.A.; LAGUTINA, N.Ia.; CHERTKOV, I.L.

Mechanism of action of the transplantation of bone marrow in irradiated dogs and monkeys. Probl. gemat i perel. krovi 6 no.2:12-20 '61. (MIRA 14:1)

(MARROW—TRANSPLANTATION) (RADIATION SICKNESS)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

GUSEYNOV, Ch.S.; CHERNOV, G.A.; LAGUTINA, N.Ya.; BIRYUZOVA, V.I.; DANILINA, Z.A.

Some problems in the mechanism of hemorrhage in thrombasthenia. Pediatriia 39 no.2:3-8 F '61. (MIRA 14:2)

1. Iz TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi Ministerstva zdravookhraneniya SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Bagdasarov) i detskoy kliniki (dir. - deystvitel'nyy chlen AMN SSSR prof. Yu.F. Dombrovskaya) I Moskovskogo meditsinskogo instituta imeni I.M. Sechenova.
(HEMOPHILIA)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

SHASHKOV, V.S.; ANTIPOV, V.V.; RAUSHENBAKH, M.O.; CHERNOV, G.A.; MASLENNIKOVA, V.A.

Effect of space flight factors on the level of serotonin in the blood of animals. Probl.kosm.biol. 1:258-264 '62. (MIRA 15:12)
(SPACE FLIGHT--PHYSIOLOGICAL EFFECT)
(SEROTONIN)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

NEMENOVA, N.M.; MANTEYFEL', V.M.; CHERNOV, G.A.

Histochemical changes in the enterochromaffin cells of the duodenum in acute radiation sickness. Biul. eksp. biol. i med. 3[i.e.53] no.3:109-112 Mr '62. (MIRA 15:4)

1. Iz TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi Ministerstva zdravookhraneniya SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.A.Krayevskim.
(RADIATION SICKNESS) (CHROMAFFIN SYSTEM—RADIOGRAPHY)
(DUODENUM—RADIOGRAPHY)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

LEMENEV, V.L.; CHERNOV, G.A. (Moskva)

Role of serotonin in the mechanism of hemostasis in massive transfusions. Pat.fiziol.i eksp.terap. 6 no.2:65-68 Mr-Ap '62. (MIRA 15:8)

1. Iz TSentral'nogo ordena Lenina institu a gematologii i pereliyaniya krovi (dir. - dotsent A.Ye.Kiselev) Ministerstva zdravookhraneniya SSSR. P

(SEROTONIN) (BLOOD-TRANSFUSION) (HEMORRHAGE)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

CHERNOV, G.A.; LIPATS, A.A. (Moskva)

Methodology of determination of serotonin (5-oxytryptamine) in the blood and tissues. Pat. fiziol. i eksp. terap. 6 no.3: 80-82 My-Je'62 (MIRA 17:2)

1. Iz TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (direktor- deystvitel'nyy chlen AMN SSSR prof. A.A. Bagdasarov [deceased]) Ministerstva zdravookhraneniya SSSR.

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ANTIPOV, V.V.; DAVYDOV, B.I.; PANCHENKOVA, E.F.; SAKSONOV, P.P.; CHERNOV, G.P.

State of the reactivity of the animal organism after the action of some factors of a space flight. Kosm.issl. 2 no.5:799-804 S-O '64. (MIRA 17:10)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

ROZENBERG, G. Ya.; UL'YANOVA, N. D.; GUSEYNOV, Ch. S.; CHERNOV, G. A.

"Freeze-drying of Thrombocytes."

paper presented at the 4th Intl Course on Freeze-Drying, Lyons, France, 20-30 Jul 64.

Central Inst of Scientific Research in Hematology & Blood Transfusion, Moscow.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

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PARIN, V.V.; ANTIPOV, V.V.; RAUSHENBAKH, M O ; SAKSONOV, P.P.; SHASHKOV, V.S.; CHERNOV, G.A.

Change in the concentration of serotonin in animal blood under the influence of ionizing radiation and the dynamic factors of space flight. Izv. AN SSSR Ser. bio.. 30 no.1:3-9 Ja-F '65. (MIRA 18:2)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308530005-7

ZAYATS, L.D.; GUSEYNOV, Ch.S.; LAGUTINA, N.Ya.; CHERNOV, G.A.; YARUSTOVSKAYA, L.E.

Juvenile hemorrhages complicated by disorders of the blood coagulation system. Akush. i gin. 40 no.2:69-74 Mr-Ap '64.

(MIRA 17:11)

1. Nauchno-issledovatel'skiy institut akusherstva i ginekologii (dir. - prof. O.V. Makeyeva) Ministerstva zdravookhraneniya SSSR i TSentral'nyy ordena Lenina institut gematologii i perelivaniya krovi (dir. - dotsent A.O. Kiseleva) Ministerstva zdravookhraneniya SSSR, Moskva.

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